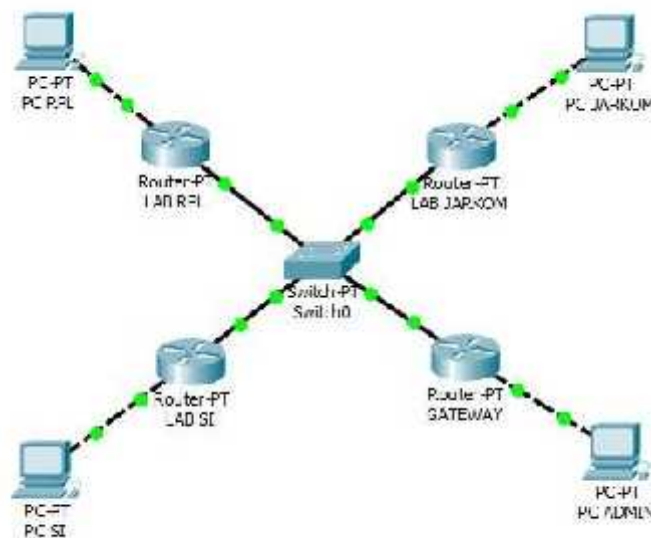


Nama : Aji Prastyo
Kelas : B
NIM : L200170082
Modul : 11

NOMOR 1

1. Desain jaringan



2. Konfigurasi Router Jarkom

```
Router>enable
Router#conf term
Enter configuration commands, one per line. End with CTRL/Z.
Router(config)#int fa 0/0
Router(config)#ip address 192.168.1.200 255.255.255.0
Router(config)#no shutdown

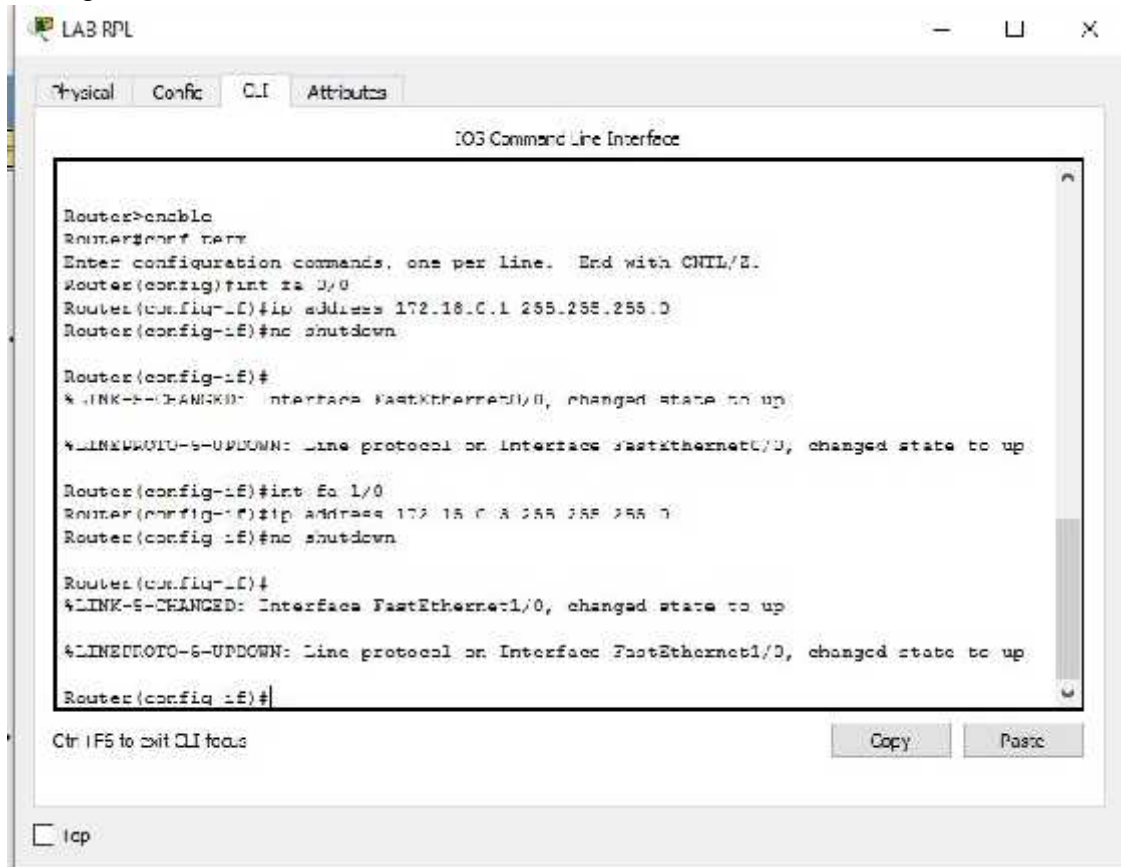
Router(config)#
%LINK-5/CHANGED: Interface FastEthernet0/0, changed state to up
%LINEPROTO-5/UPDOWN: Line protocol on Interface FastEthernet0/0, changed state to up

Router(config)#int fa 1/0
Router(config)#ip address 192.168.1.200 255.255.255.0
Router(config)#no shutdown

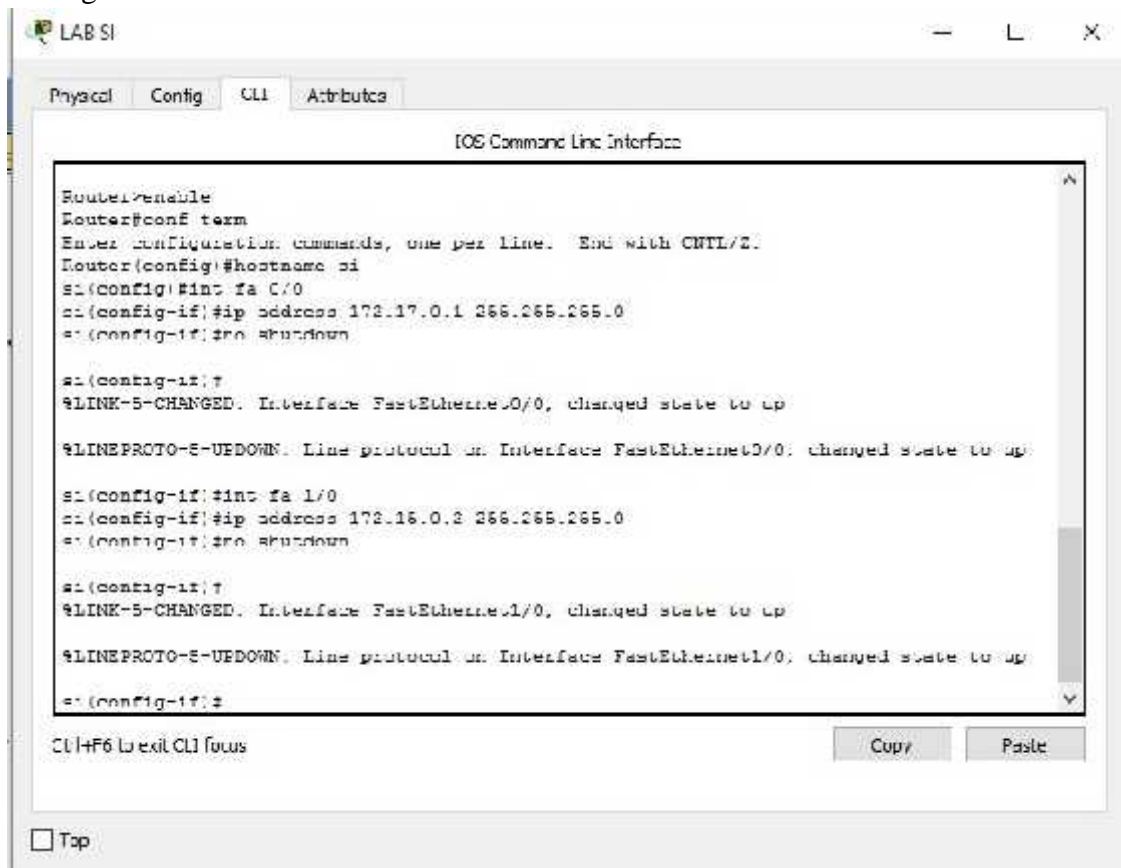
Router(config)#
%LINK-5/CHANGED: Interface FastEthernet1/0, changed state to up
%LINEPROTO-5/UPDOWN: Line protocol on Interface FastEthernet1/0, changed state to up

Router(config)#exit
Router(config)#hostname jarkom
jarkom(config)#
```

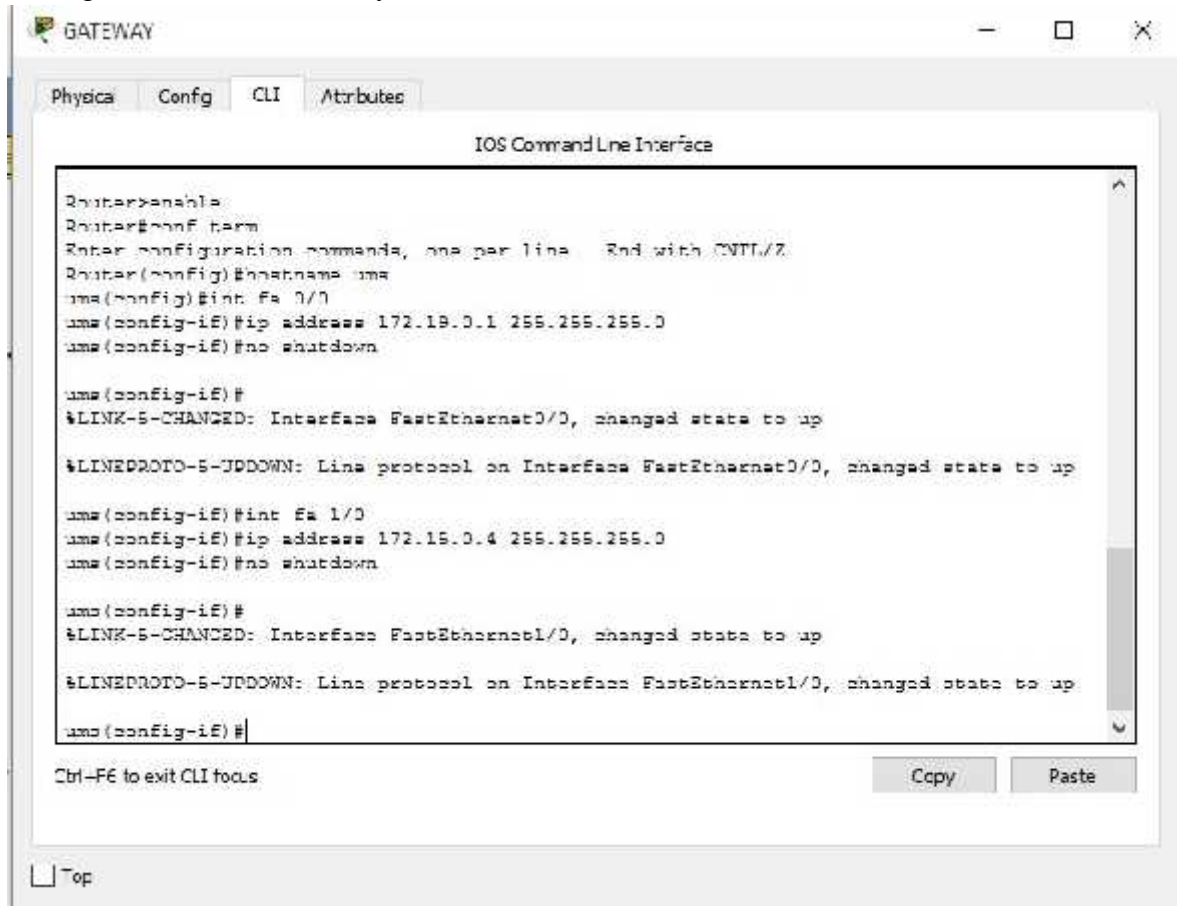
3. Konfigurasi Router RPL



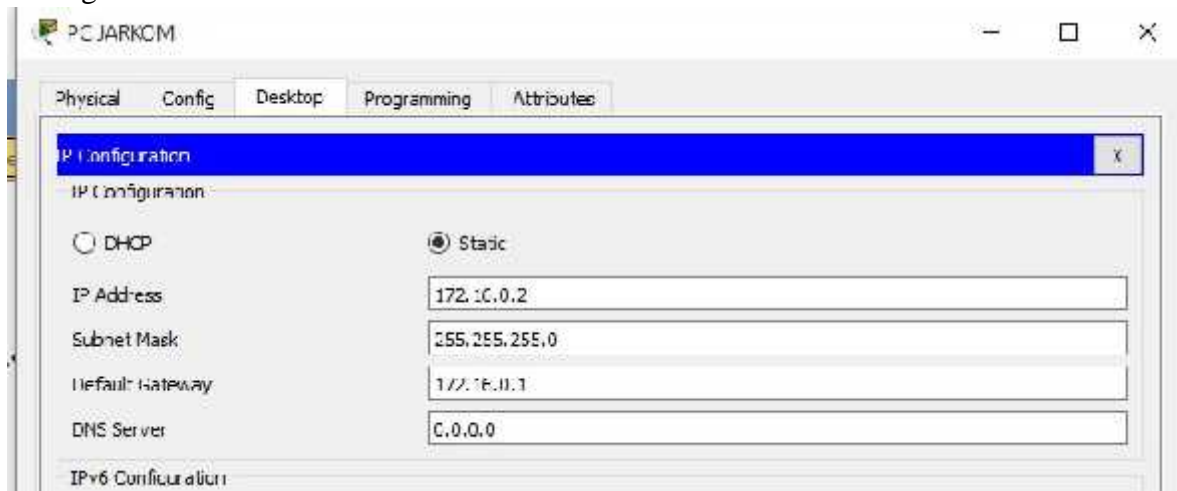
4. Konfigurasi Router SI



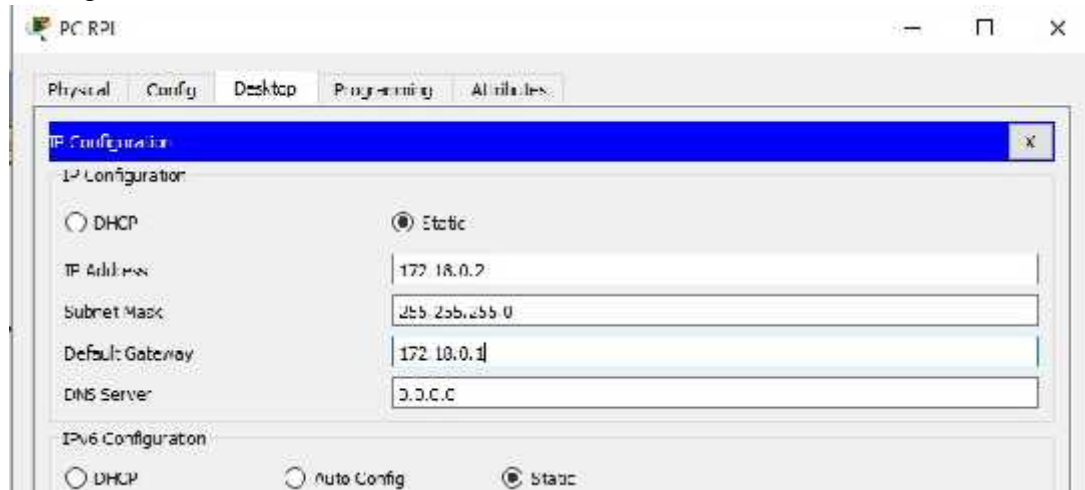
5. Konfigurasi Router Gateway



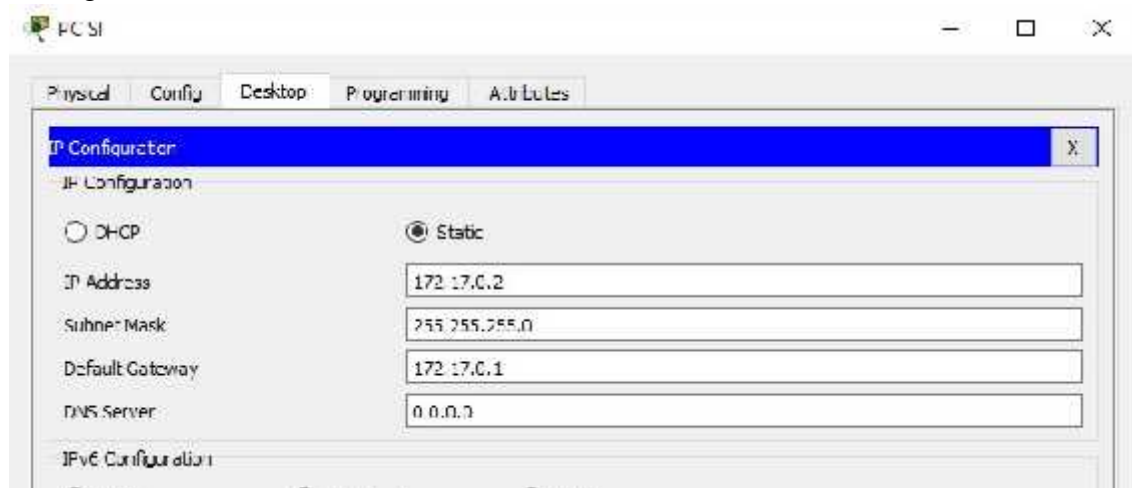
6. Konfigurasi PC Jarkom



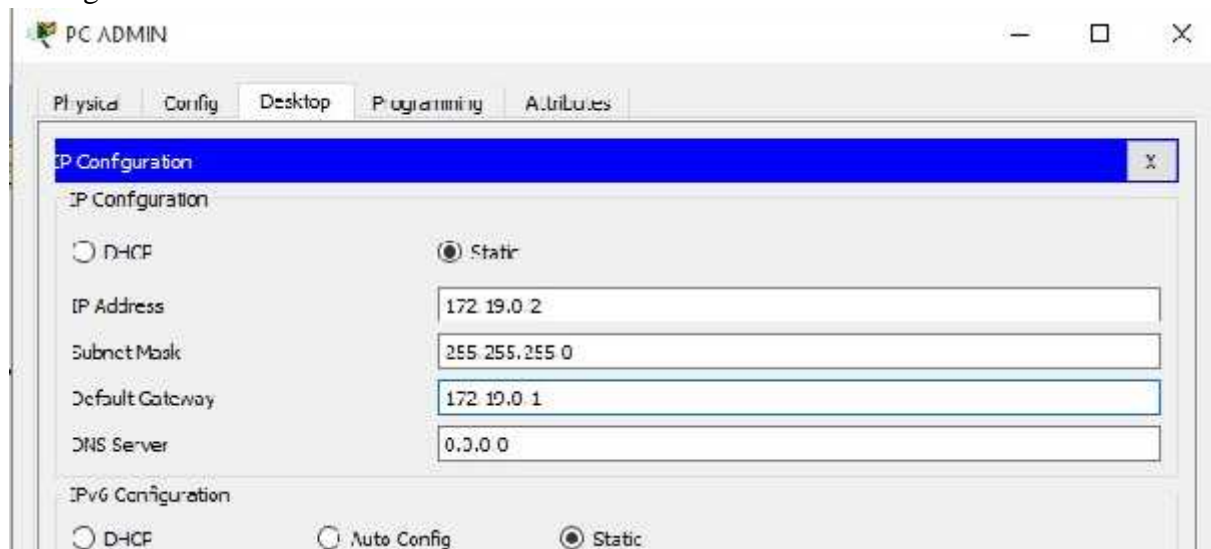
7. Konfigurasi PC RPL



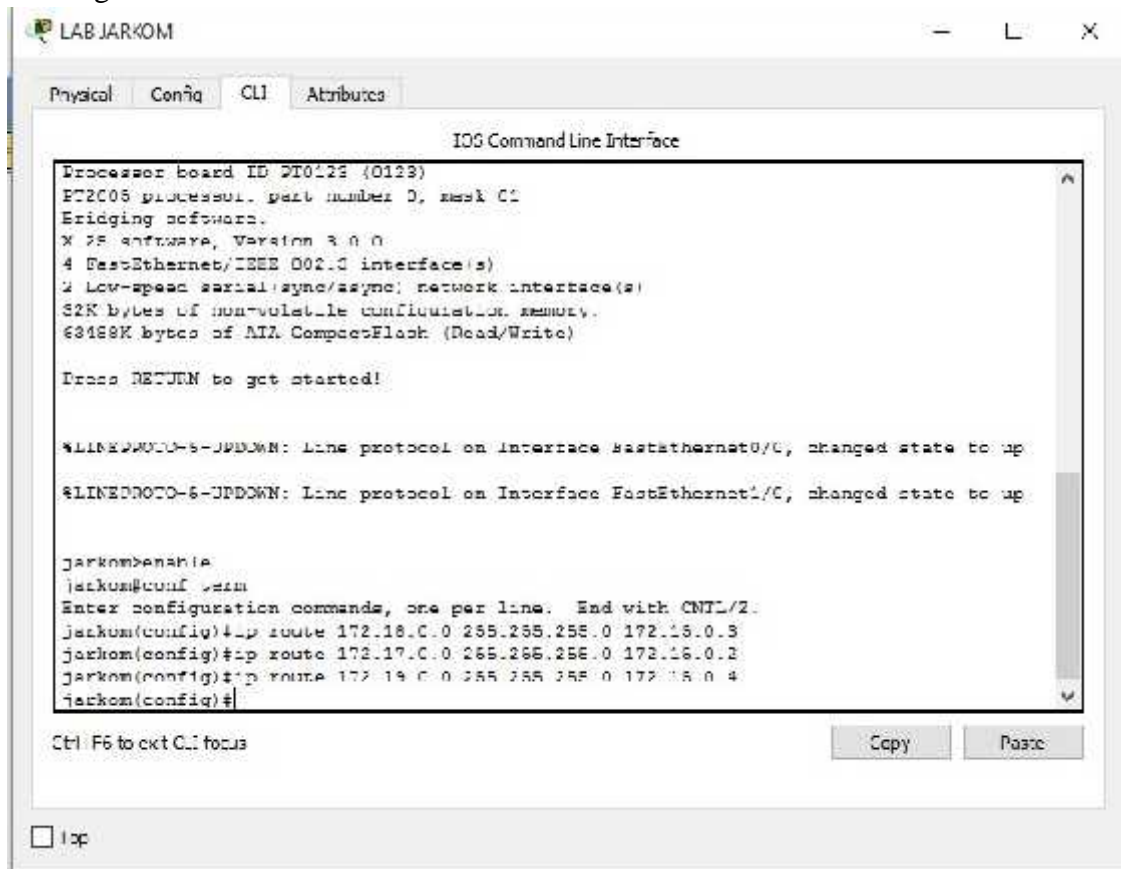
8. Konfigurasi PC SI



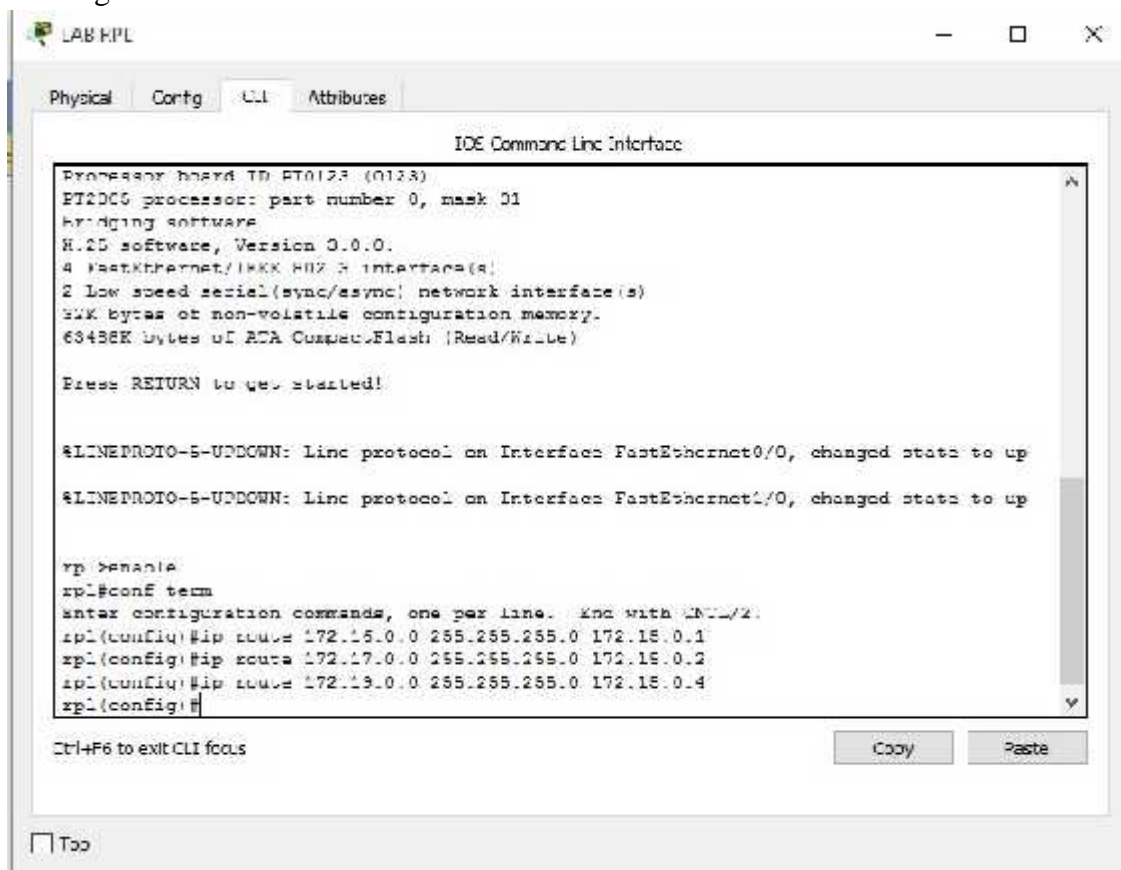
9. Konfigurasi PC Admin



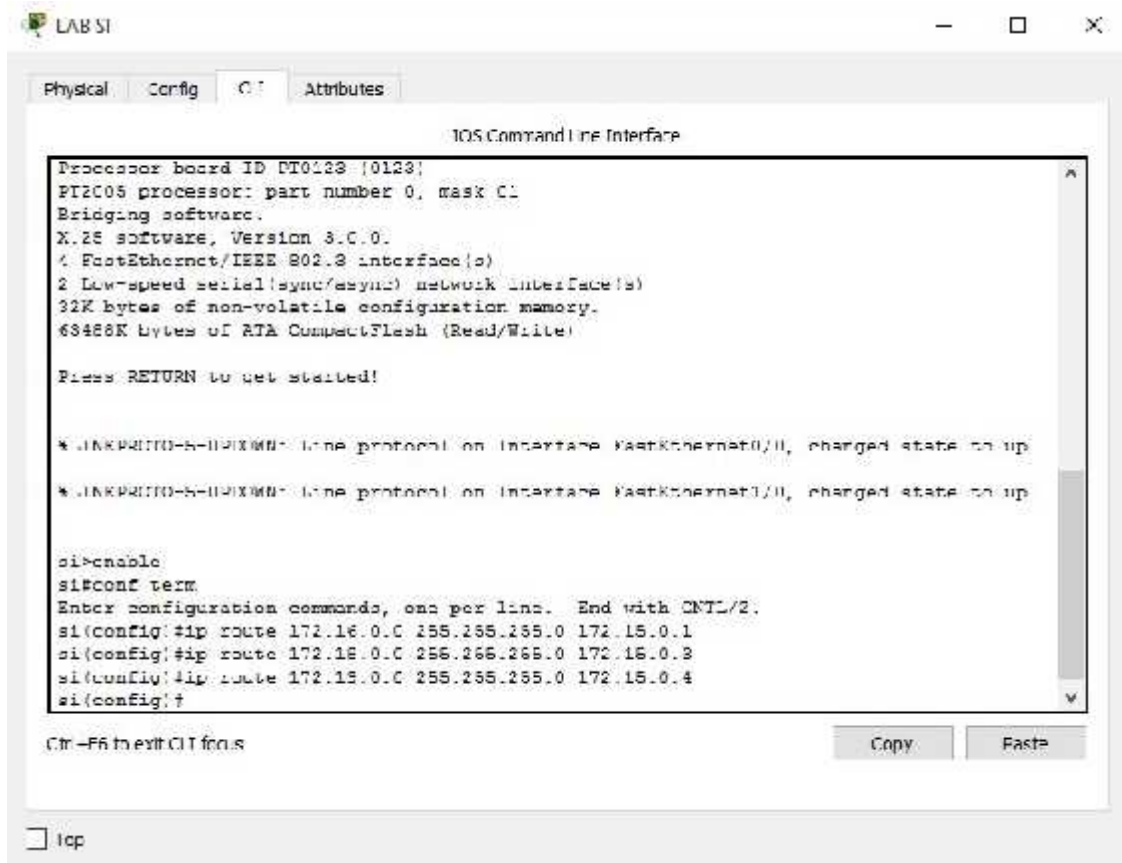
10. Routing – router Jarkom



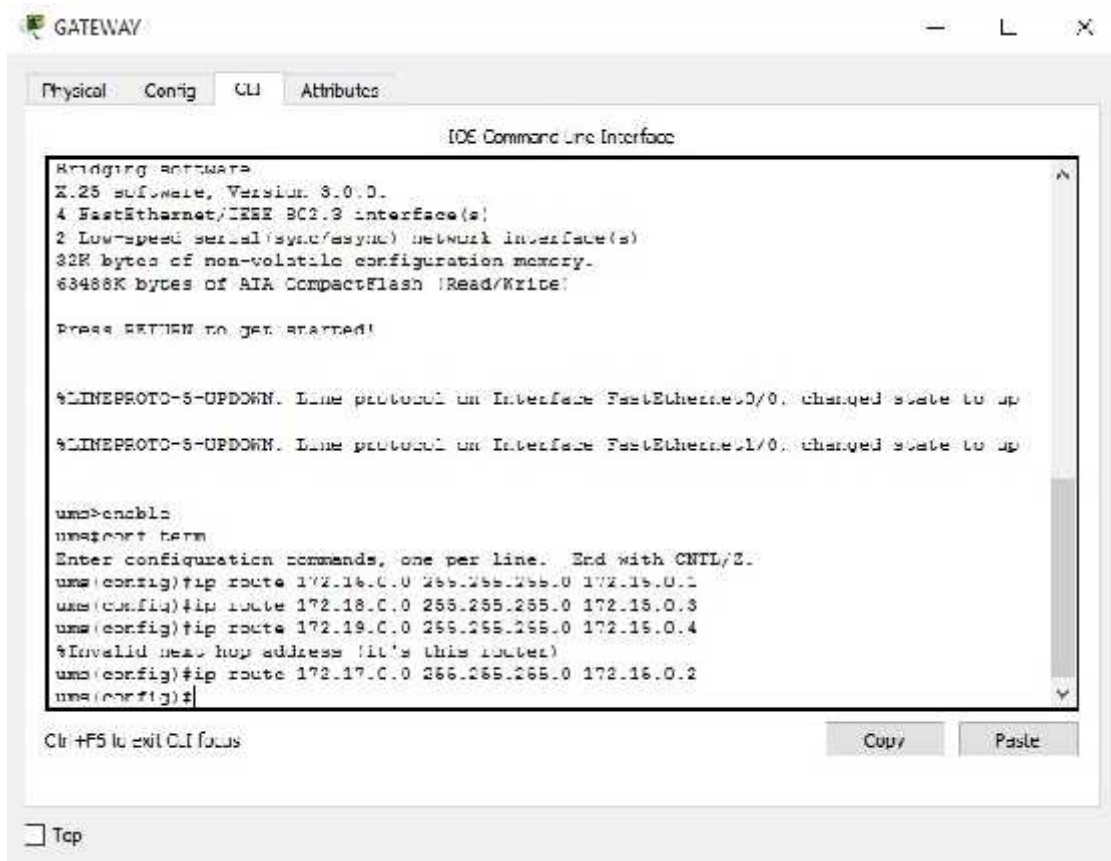
11. Routing – router RPL



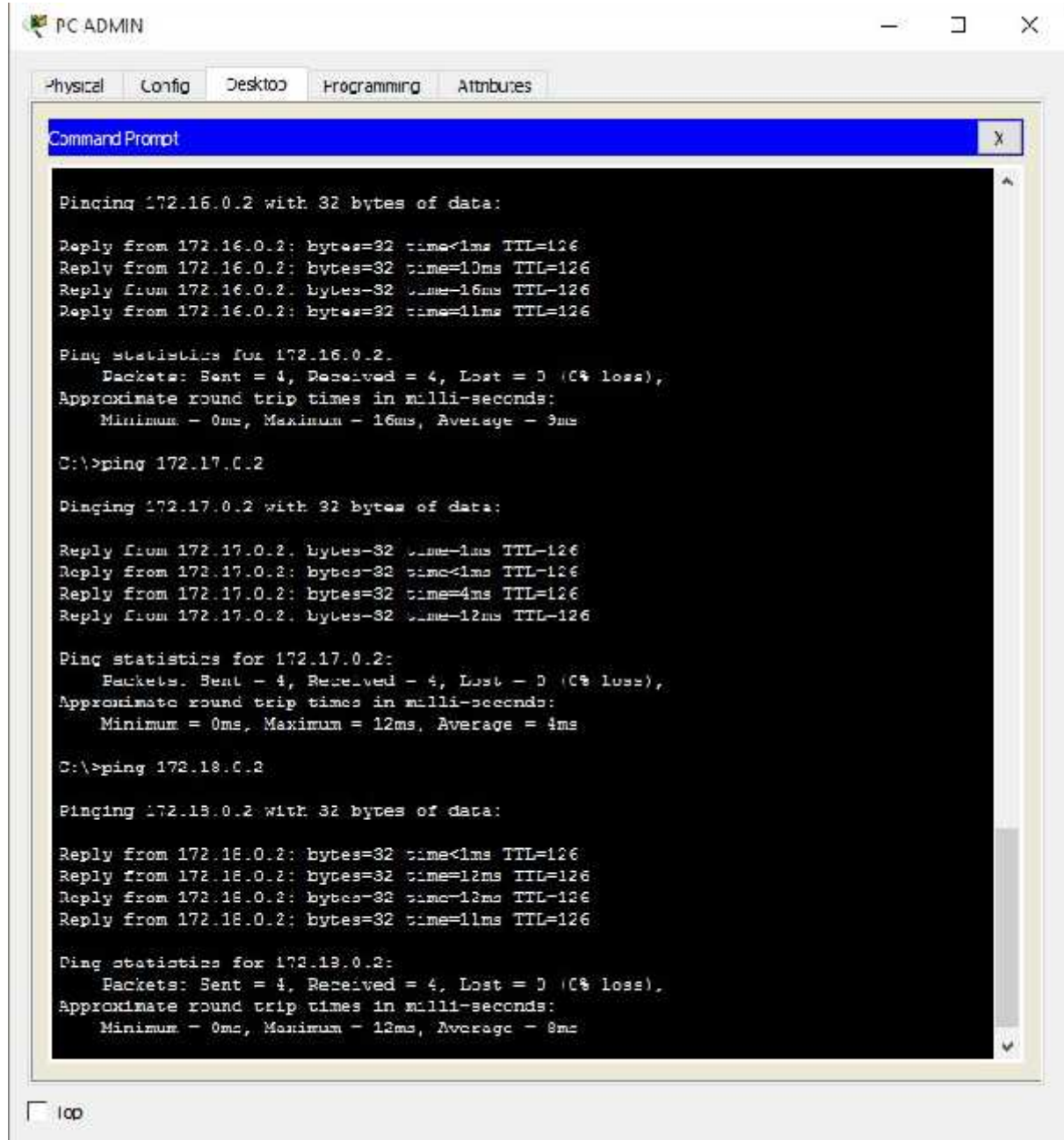
12. Routing – router SI



13. Routing – router Gateway

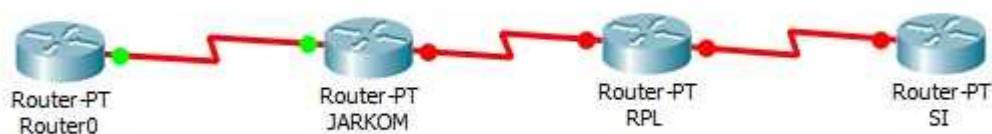


14. Melakukan ping

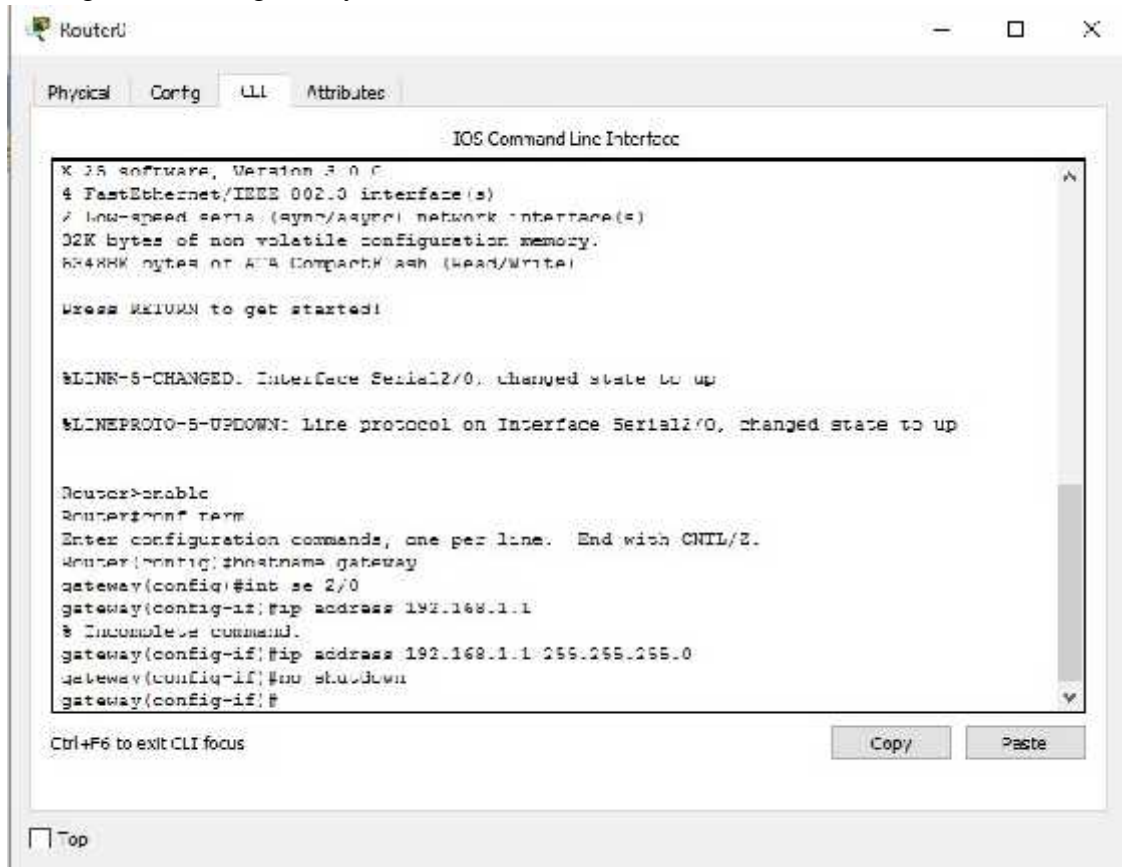


NOMOR 2 – STATIC

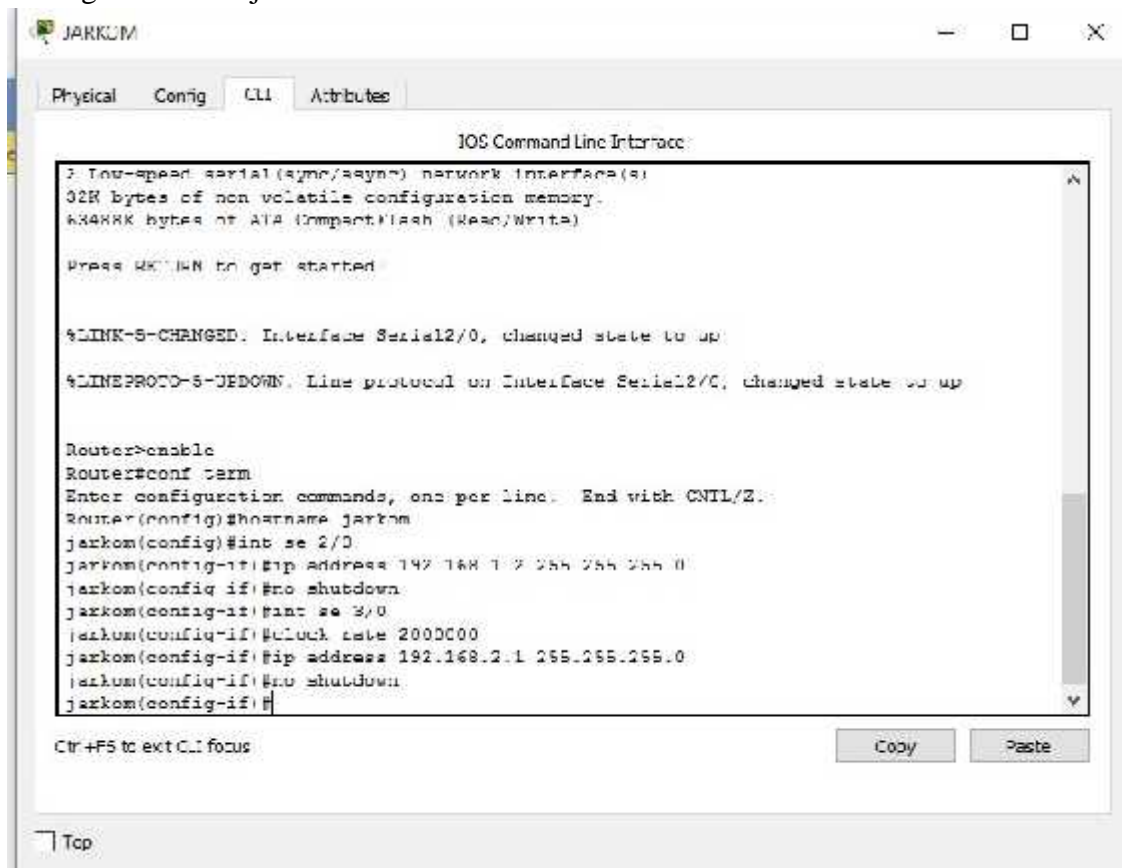
1. Desain jaringan



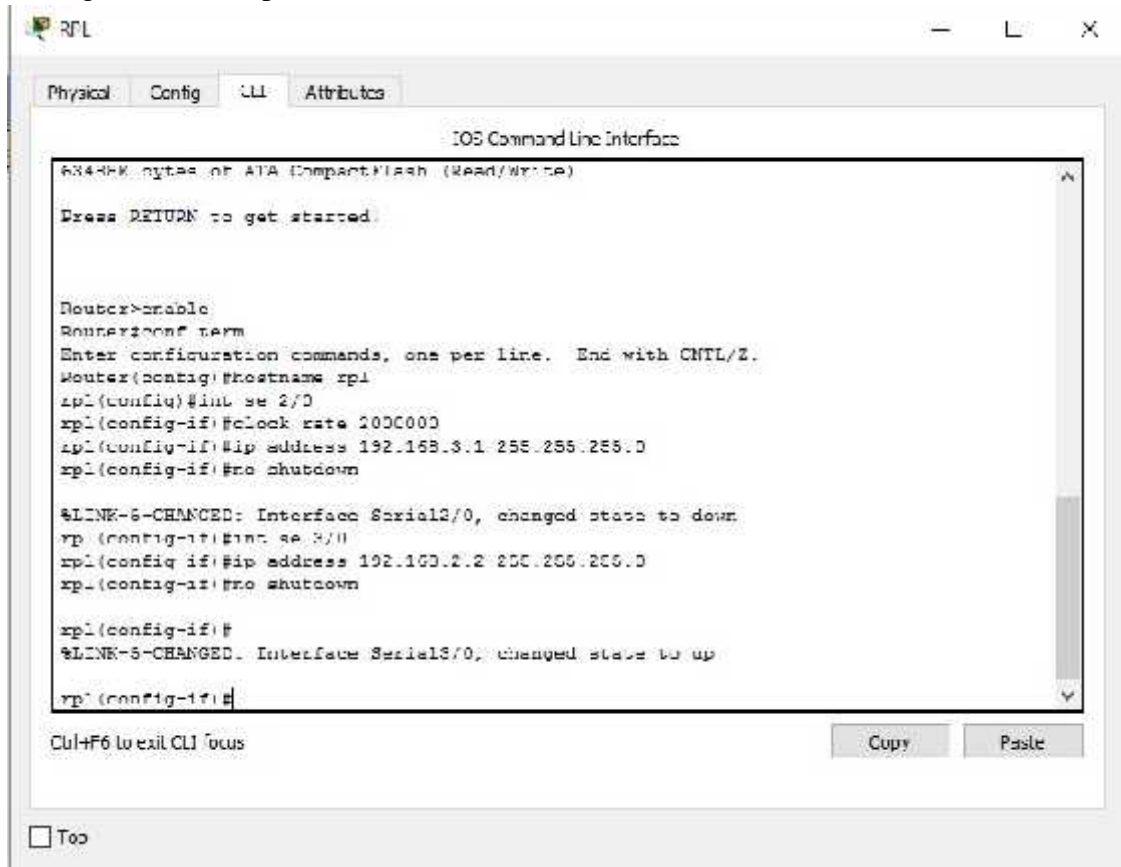
2. Konfigurasi router gateway



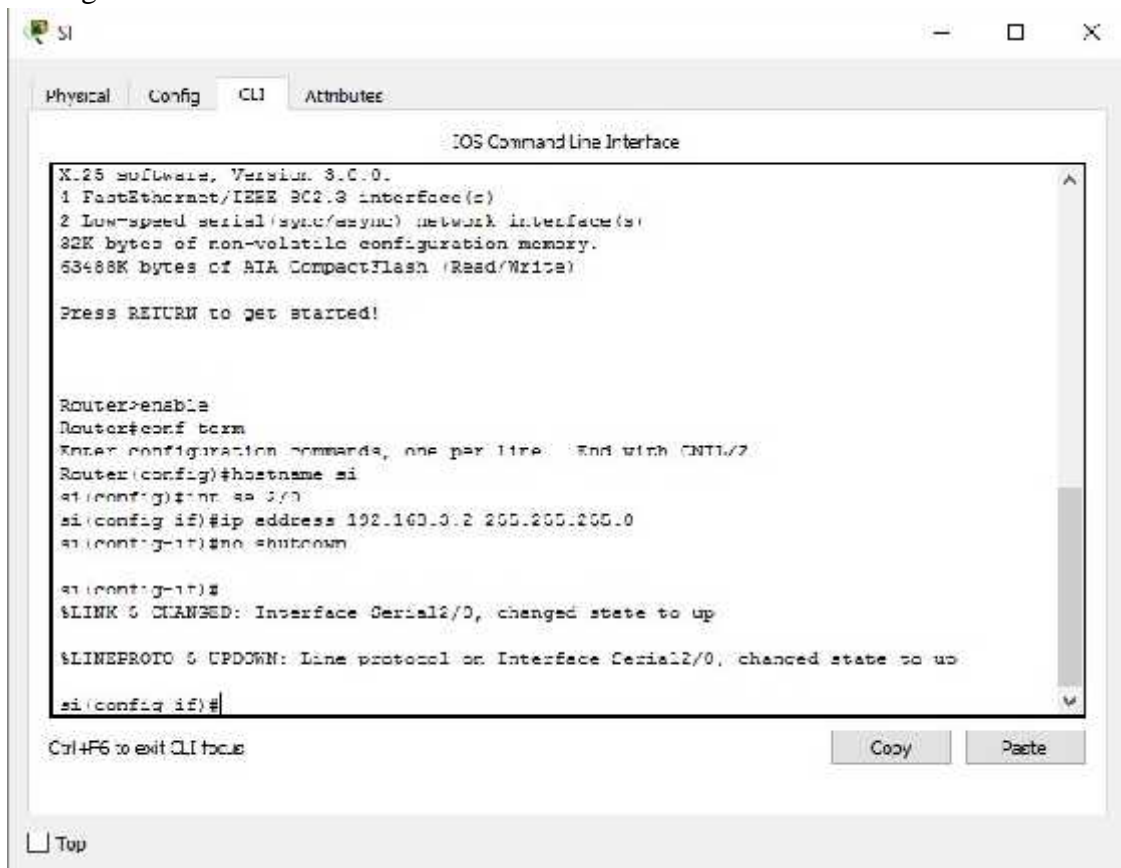
3. Konfigurasi router jarkom



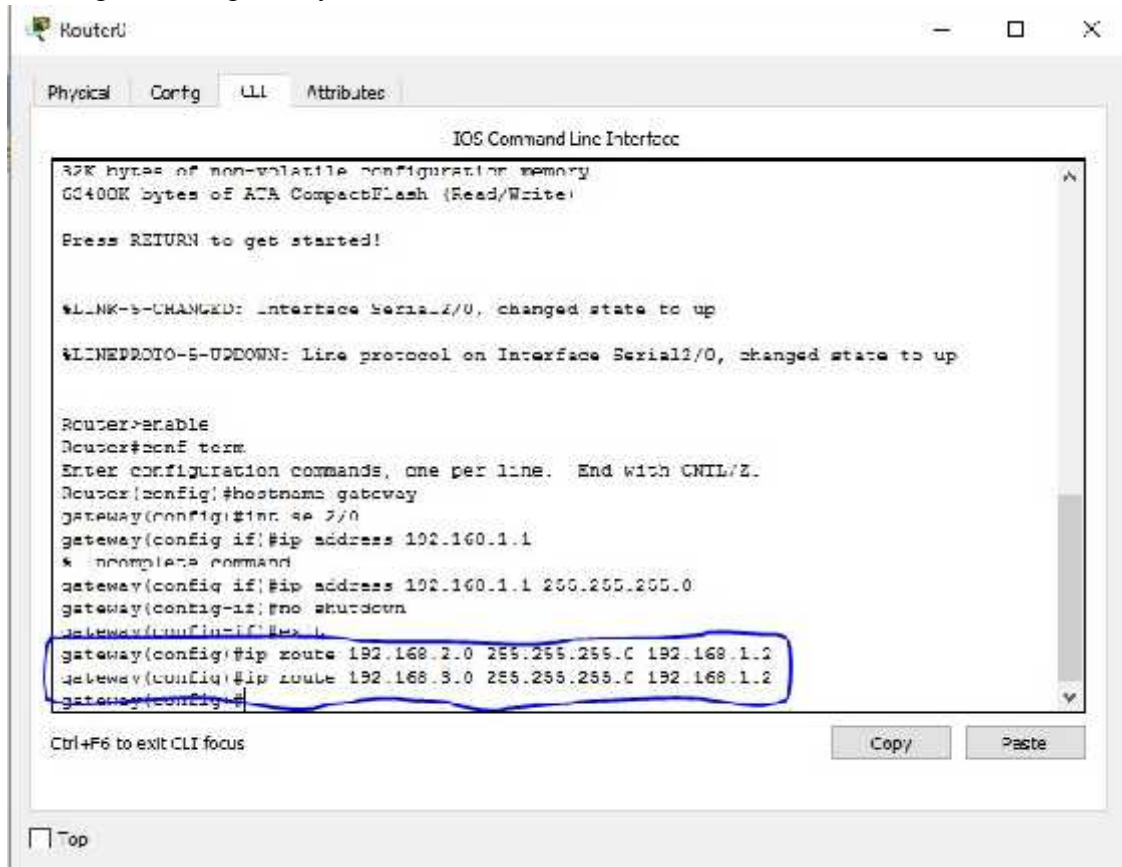
4. Konfigurasi router rpl



5. Konfigurasi router si



6. Routing – router gateway

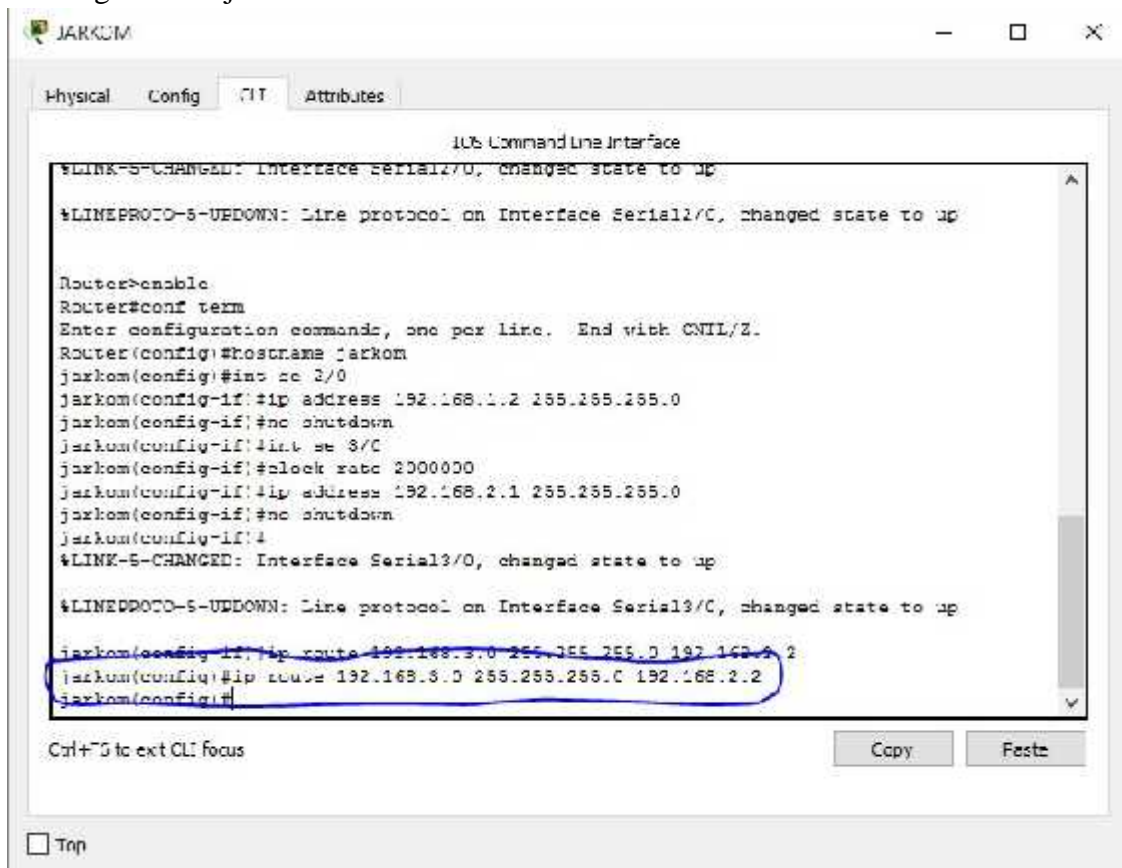


The screenshot shows the Router0 IOS Command Line Interface. The CLI window displays the following text:

```
Router0>enable
Router0#conf term
Enter configuration commands, one per line. End with CNTRL/Z.
Router0(config)#hostname gateway
gateway(config)#int se 2/0
gateway(config-if)#ip address 192.168.1.1
* incomplete command
gateway(config-if)#ip address 192.168.1.1 255.255.255.0
gateway(config-if)#no shutdown
gateway(config-if)#
gateway(config-if)#ip route 192.168.2.0 255.255.255.0 192.168.1.2
gateway(config-if)#ip route 192.168.3.0 255.255.255.0 192.168.1.2
gateway(config-if)#
```

The last three lines of the configuration are circled in blue. The window also shows status messages for interface Serial2/0 and line protocol on Interface Serial2/0, both changed to up. At the bottom, there is a "Ctrl+F6 to exit CLI focus" message and "Copy" and "Paste" buttons.

7. Routing – router jarkom

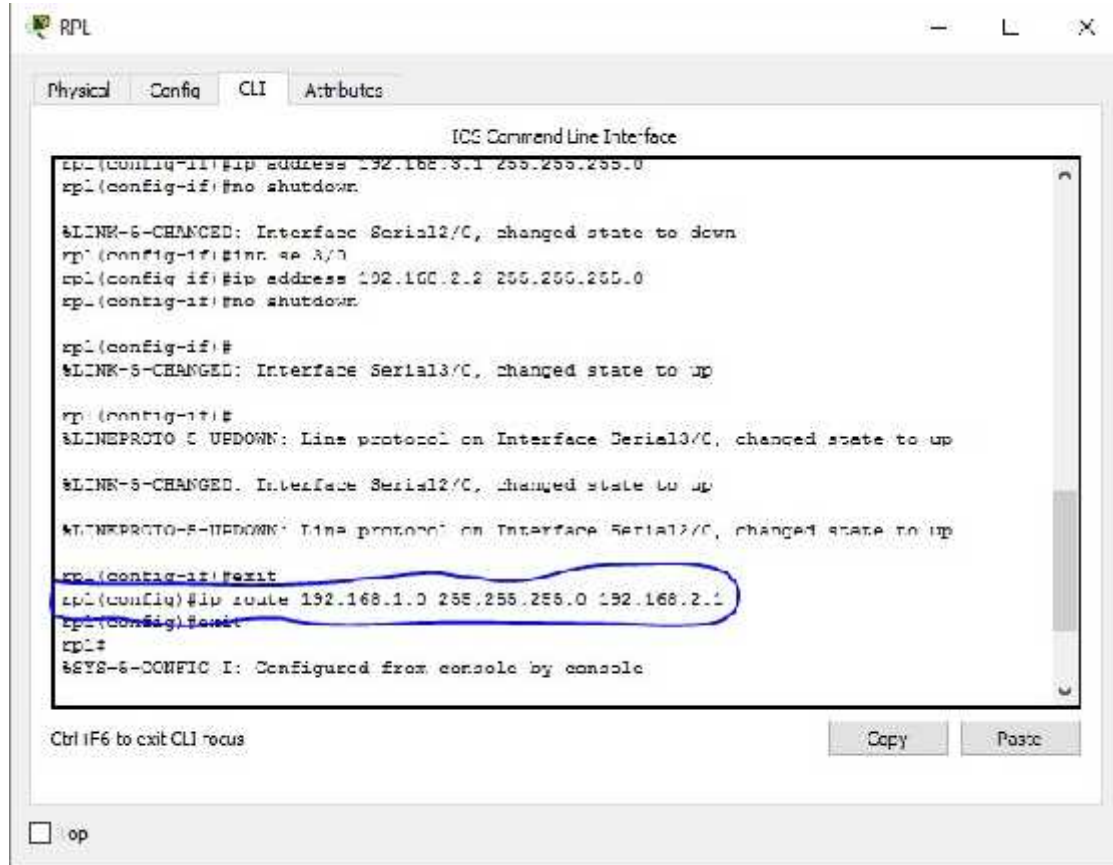


The screenshot shows the JARKUM IOS Command Line Interface. The CLI window displays the following text:

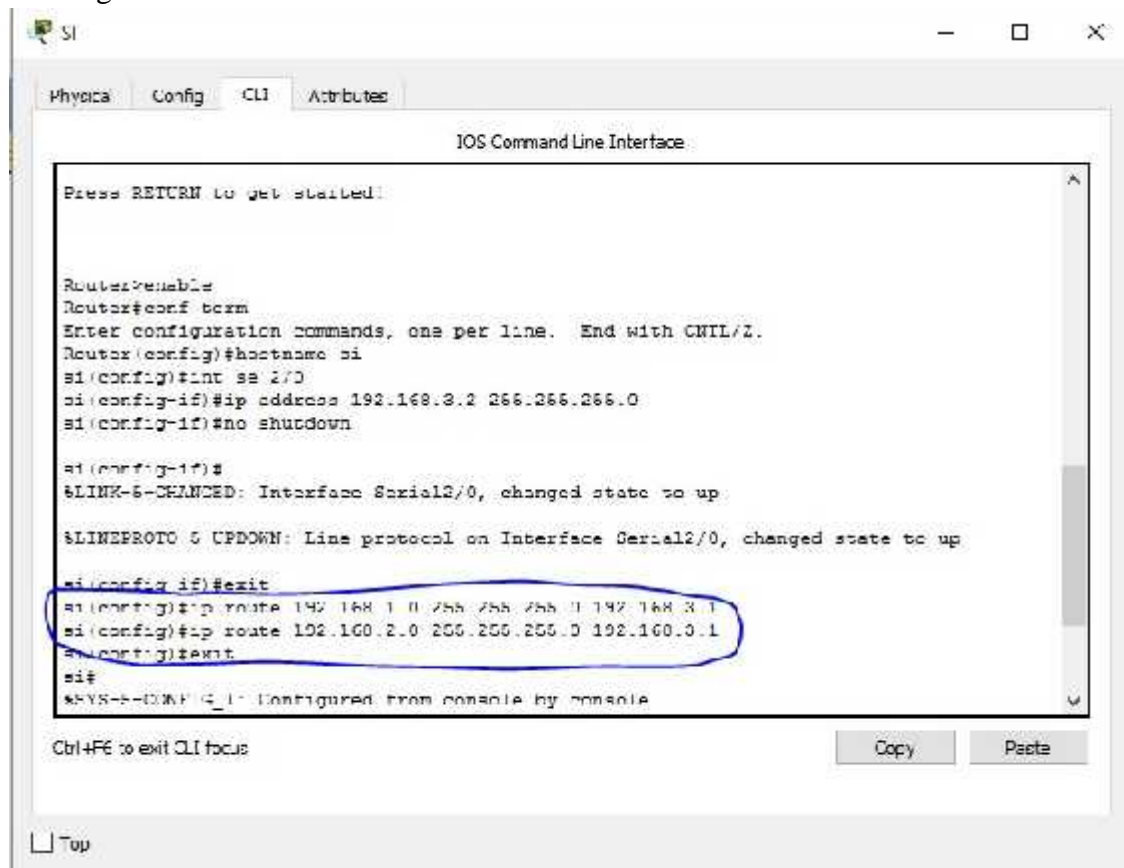
```
JARKUM>enable
JARKUM#conf term
Enter configuration commands, one per line. End with CNTRL/Z.
JARKUM(config)#hostname jarkom
jarkom(config)#int se 3/0
jarkom(config-if)#ip address 192.168.1.2 255.255.255.0
jarkom(config-if)#no shutdown
jarkom(config-if)#int se 3/0
jarkom(config-if)#clock rate 2000000
jarkom(config-if)#ip address 192.168.2.1 255.255.255.0
jarkom(config-if)#no shutdown
jarkom(config-if)#
*LINK-S-CHANGED: Interface Serial3/0, changed state to up
*LINEPROTO-S-UPDOWN: Line protocol on Interface Serial3/0, changed state to up
jarkom(config-if)#ip route 192.168.3.0 255.255.255.0 192.168.1.2
jarkom(config-if)#ip route 192.168.3.0 255.255.255.0 192.168.2.2
jarkom(config-if)#
```

The last three lines of the configuration are circled in blue. The window also shows status messages for interface Serial3/0 and line protocol on Interface Serial3/0, both changed to up. At the bottom, there is a "Ctrl+F6 to exit CLI focus" message and "Copy" and "Paste" buttons.

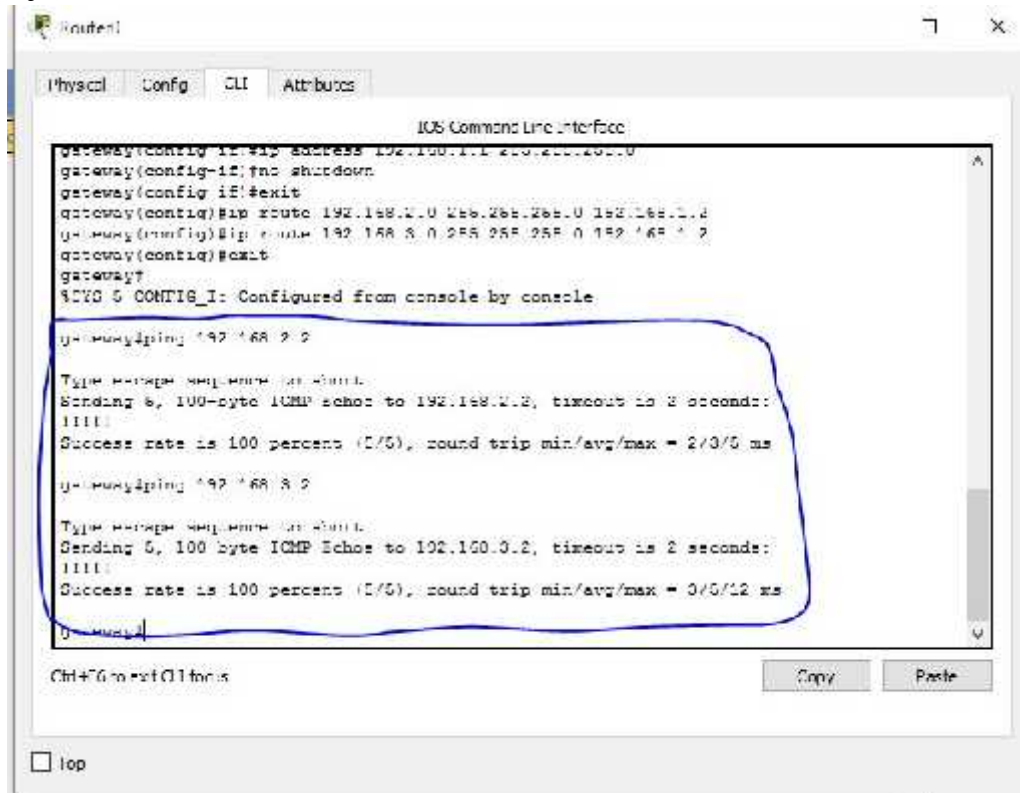
8. Routing – router rpl



9. Routing – router si

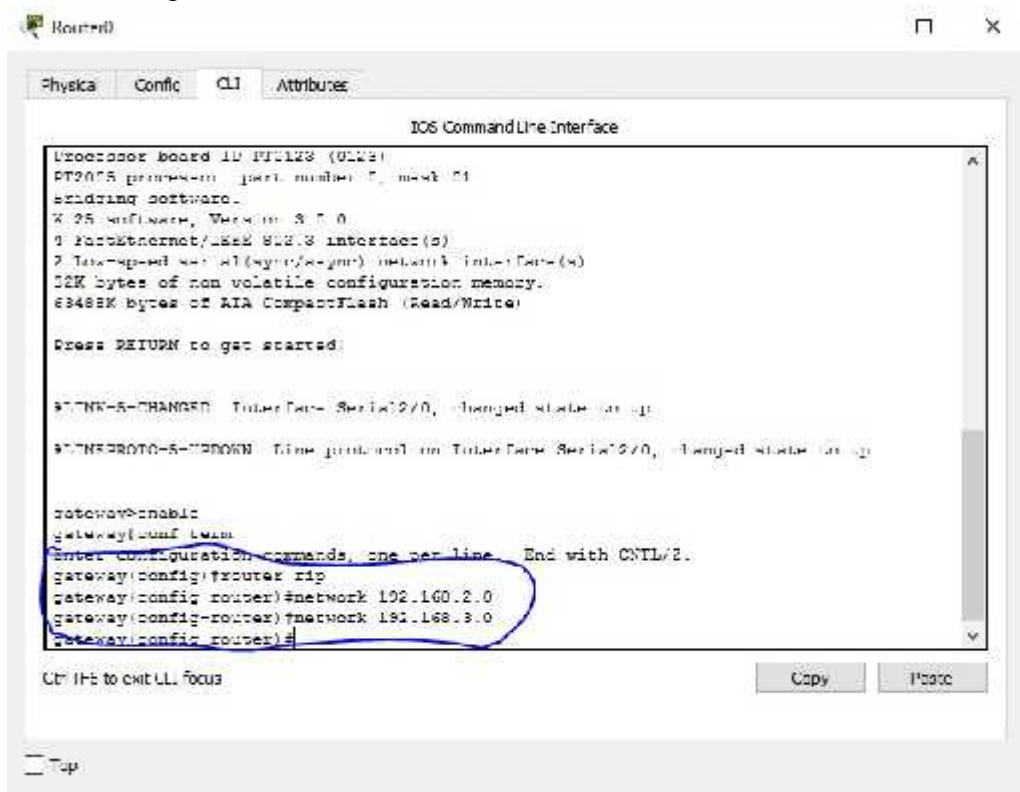


10. Uji konektivitas

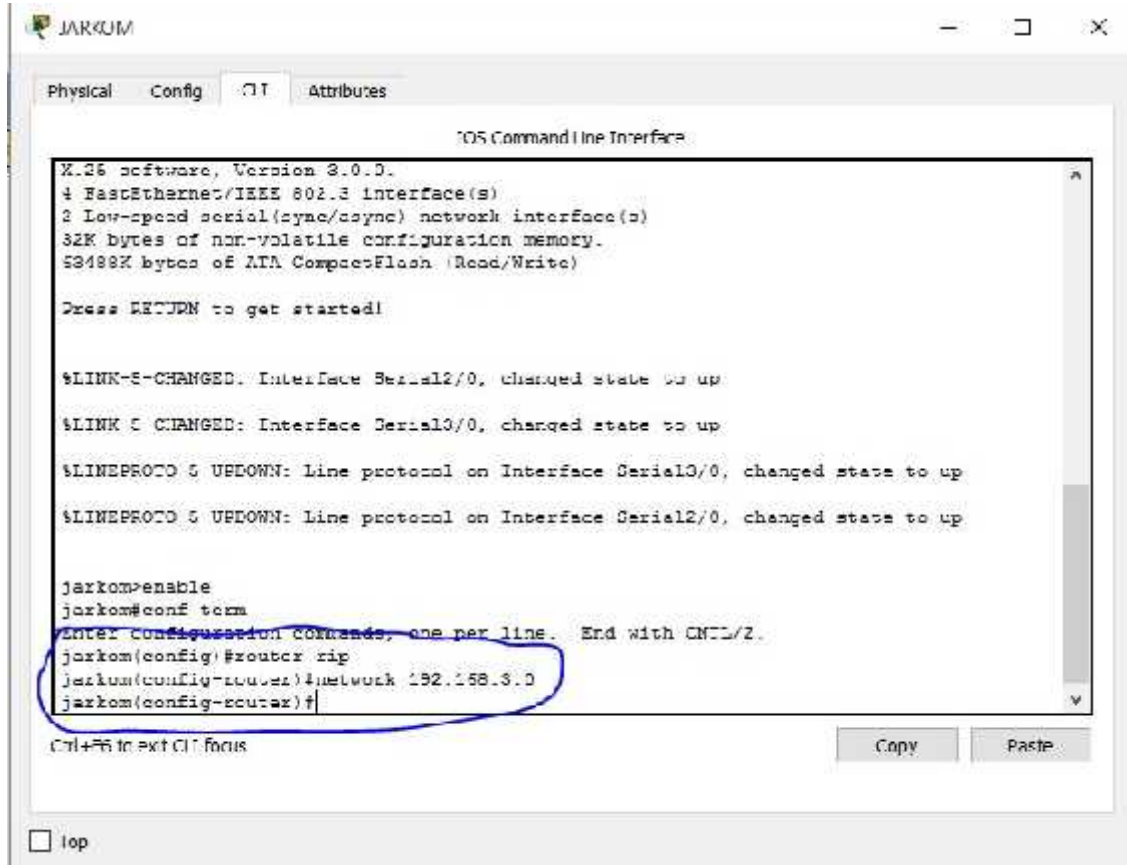


NOMOR 2 – DINAMIS (RIP)

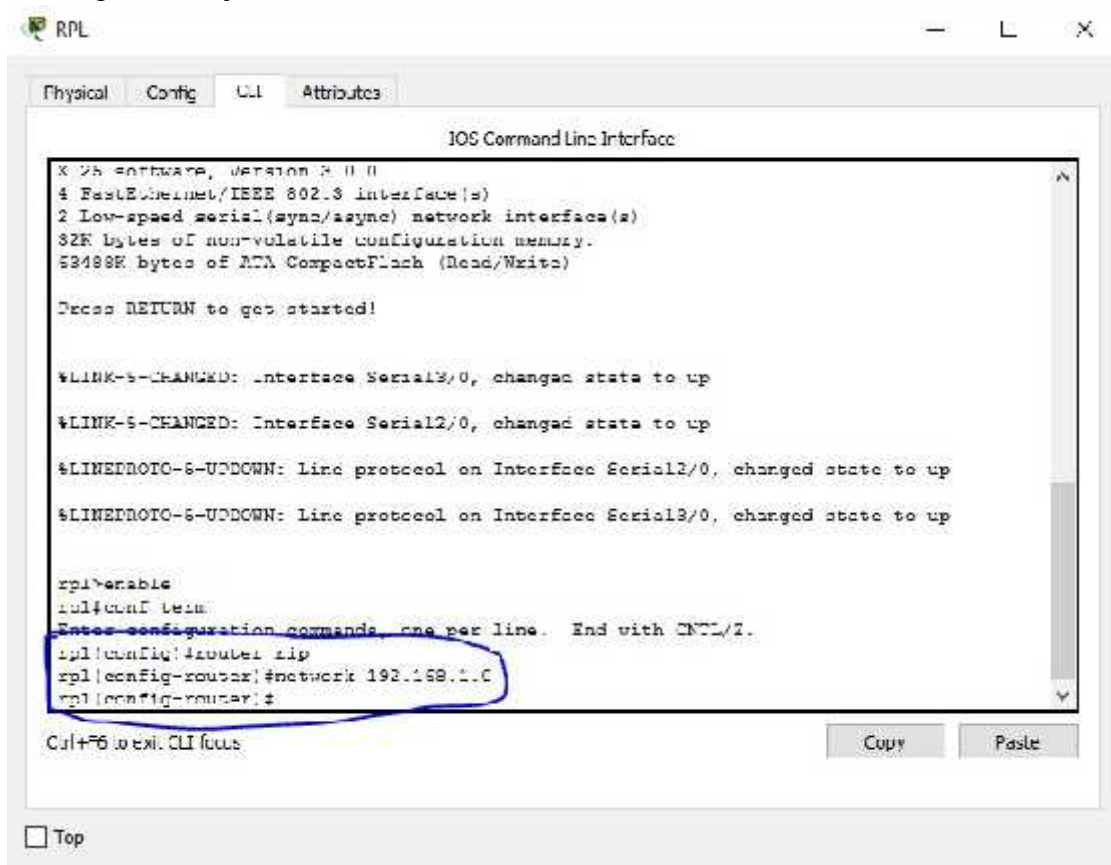
1. Desain Jaringan



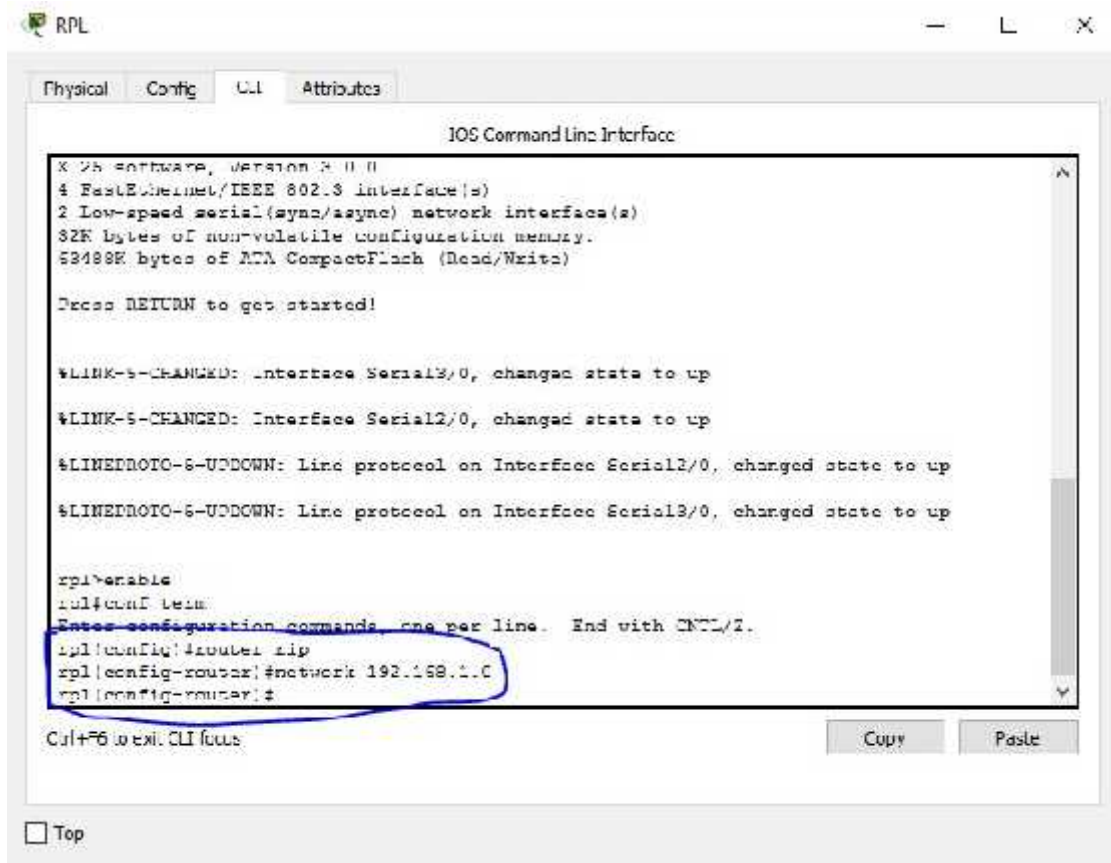
2. Routing – router gateway



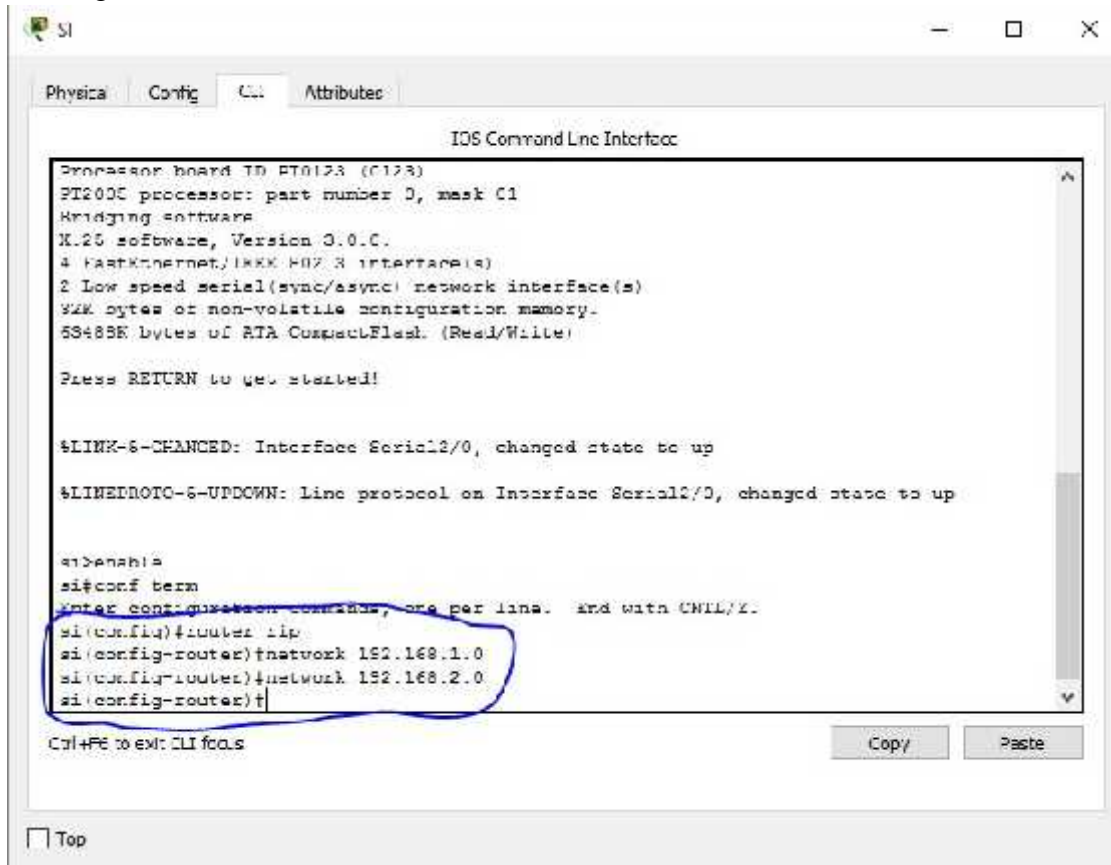
3. Routing – router jarkom



4. Routing – router rpl



5. Routing – router si



6. Uji konektivitas

